

Fig. 1

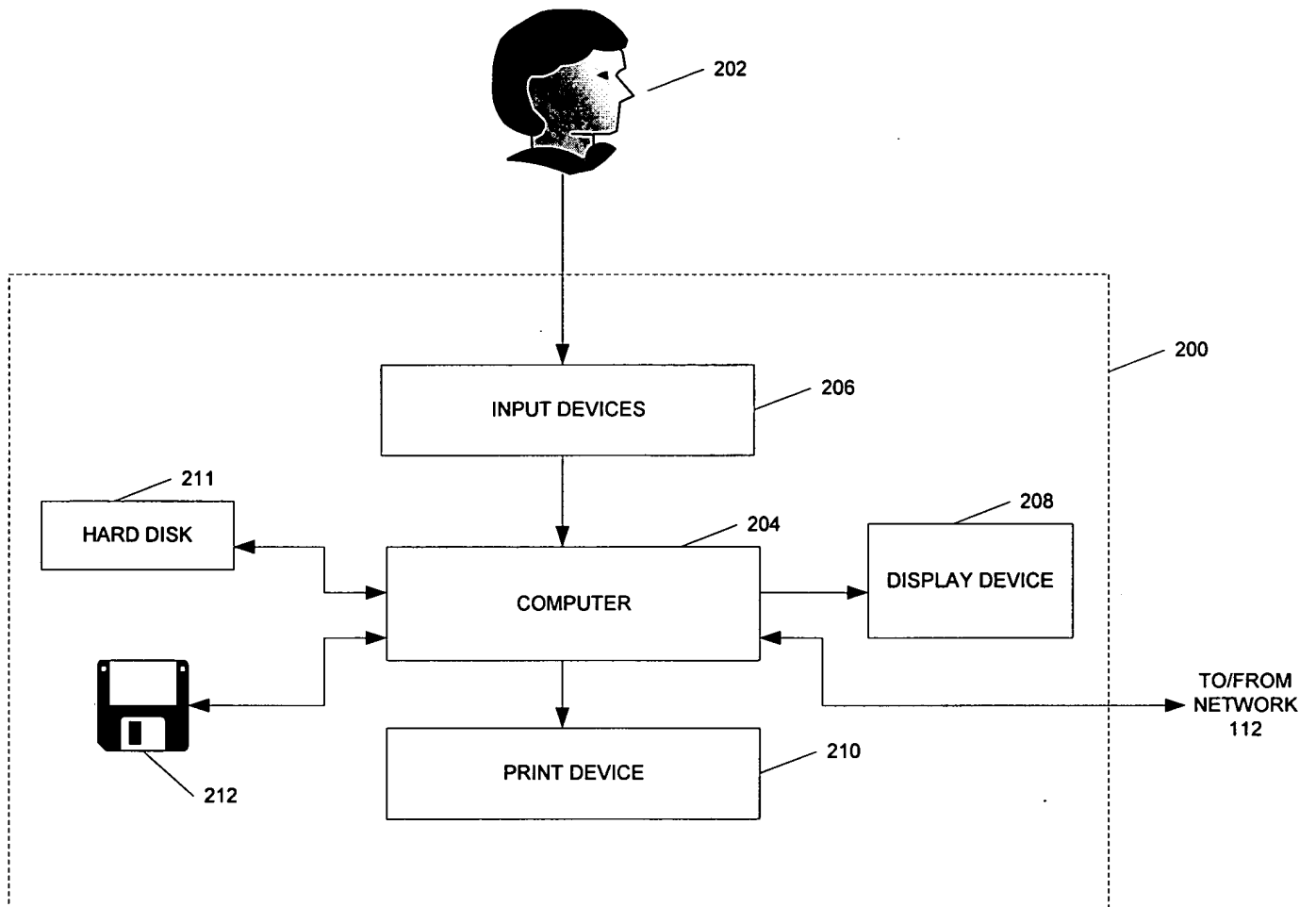


Fig. 2

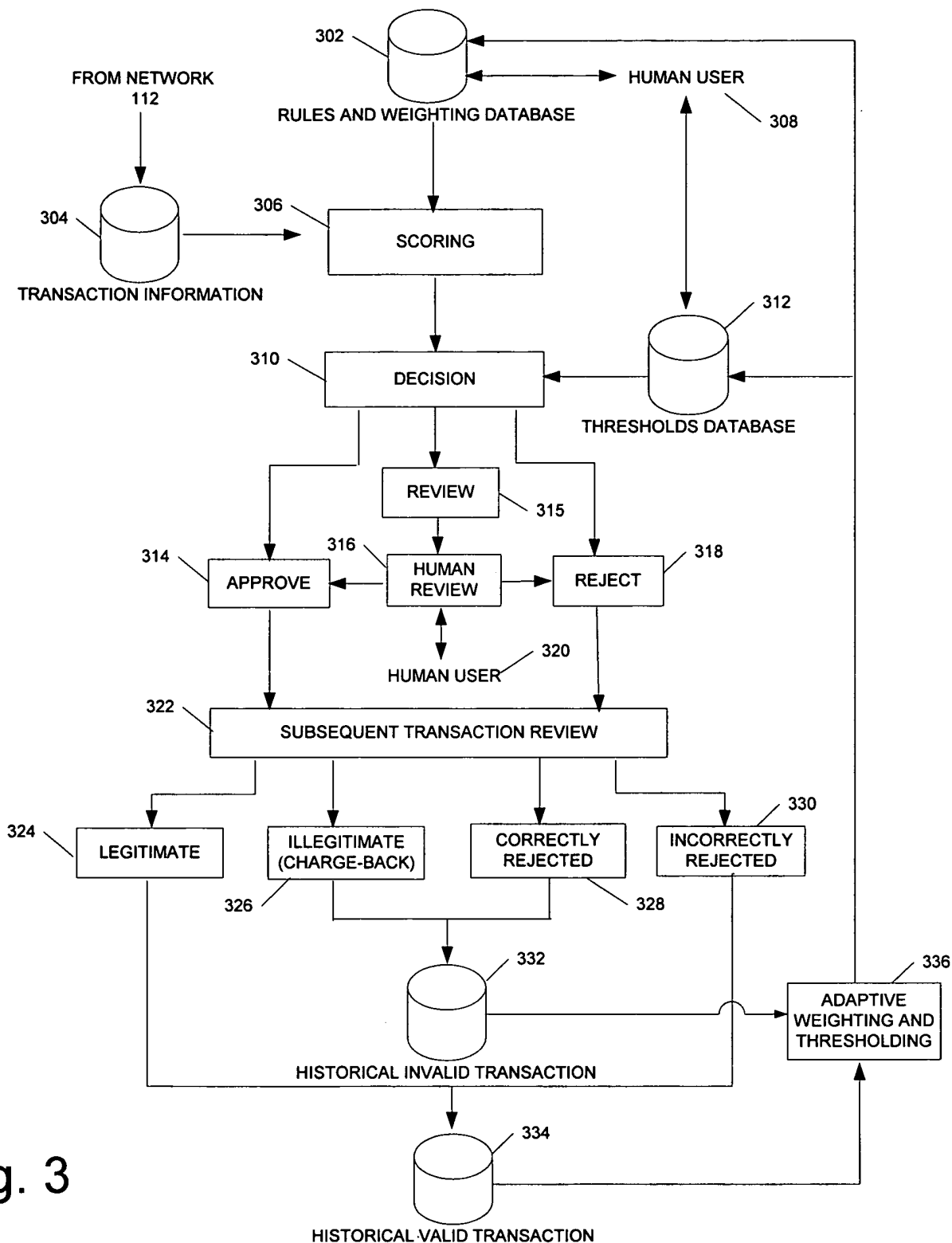


Fig. 3

RULE NUMBER	EXPRESSION	WEIGHT
1	If CREDIT_CARD_BILLING_ADDRESS <> PRODUCT_SHIPPING_ADDRESS THEN BAD	1
2	If TODAY'S_DATE > CREDIT_CARD_EXPIRATION_DATE THEN BAD	6
.	.	.
.	.	.
.	.	.
12	If CREDIT_CARD_NUMBER IN (list of bad card numbers) THEN BAD	4
13	If CUSTOMER_IP_ADDRESS IN (list of good IP addresses) THEN GOOD	-2
14	If CREDIT_CARD_NUMBER IN (list of good card numbers) THEN GOOD	-4
.	.	.
.	.	.
.	.	.

FIG. 4

RULE NUMBER	NUMBER OF VALID TRANSACTIONS	NUMBER OF INVALID TRANSACTIONS
1	205	120
2	20	411
.		
.		
.		
12	30	300
13	241	123
14	320	45
.		
.		
.		

FIG. 5

Interface Store Client ID 160 Allast Patho User Settings Related Cardbad
CLEARCOMMERCE
Powered By CLEARCOMMERCE

Orders | Reports | Risk Management | Administration | Sign Off | Help

FraudShield™ Rule Management

Select	Seq. #	Rule Name	Rule ID	Action	Alert	Active	Weight
<input type="checkbox"/>	1	BlockEmailAddress	9	Review	Yes	Yes	2.5
<input checked="" type="checkbox"/>	2	BlockCardNumber	12	Review	No	Yes	0.3
<input type="checkbox"/>	3	IPDeniedCreditCardMaxTimes	1	Reject	No	No	1.6
<input type="checkbox"/>	4	InvalidEmailAddress	2	Reject	No	No	1.4
<input type="checkbox"/>	6	InvalidCreditCardNum	4	Reject	No	No	2.7
<input type="checkbox"/>	7	InvalidExpDate	5	Reject	No	No	1.3
<input type="checkbox"/>	24	AcceptShippingName	24	Accept	No	No	1.8
<input type="checkbox"/>	26	SourceDeniedCreditCardMaxTimes	26	Reject	No	No	1.5
<input type="checkbox"/>	32	CVV2 DoesNotMatch	29	Review	No	No	0.5
<input type="checkbox"/>	33	test2	33	None	No	No	0.5

600

Settings
Rules
Lists
Default Values
Risk Services
Veloques

Transactions
Fraudulent
Chargeback
Review

Select All Deselect All
Activate Deactivate
Add Delete

604

Fig. 6a

CHARCOMM

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FraudShield™ Rule Editor

Settings
Rules
Default Values
Risk Services
Velocities

Transactions
Fraudulent
Chargeback
Review

Rule ID:

Rule Name: ~ 606

Prequisite: None

Active Rule: ☐

Process Code: Pre-Process: ☒

Weight: ~ 622

Expression: 624

Attribute: Select Attribute: ~ 608

Operator: Select Operator: ~ 610

☐ Value: 614

☐ Calculated Value: ~ 616

☐ List: Select List: 618

Action: None

Risk Service: None

Merchant Message: Storefront Message:

Select Attribute:

☐ Send notification e-mail to:

600

My Computer

Fig. 6b

Fig. 6c

600

Fig. 6d